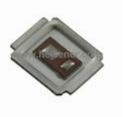




### **IRF6721STR1PBF Information**



For Reference Only

Part Number IRF6721STR1PBF
Manufacturer Infineon Technologies

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V 14A DIRECTFET

Package DirectFET? Isometric SQ

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### **IRF6721STR1PBF Specifications**

Manufacturer Part Number	IRF6721STR1PBF
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	DirectFET? Isometric SQ
Series	HEXFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	14A (Ta), 60A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.4V @ 25μA
Gate Charge (Qg) (Max) @ Vgs	17nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	1430pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	2.2W (Ta), 42W (Tc)
Rds On (Max) @ Id, Vgs	7.3 mOhm @ 14A, 10V
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	DIRECTFET? SQ
Package / Case	DirectFET? Isometric SQ
	Report errors?

### **IRF6721STR1PBF Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **IRF6721STR1PBF Payment Methods**



















## IRF6721STR1PBF Shipping Methods













If you have any question about IRF6721STR1PBF, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com